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(FILE 'HOME' ENTERED AT 14:25:16 ON 12 MAR 2004)

FILE 'HCAPLUS' ENTERED AT 14:25:26 ON 12 MAR 2004

L1 12 S LOOG M7/AU  
L2 21 S URI A7/AU  
L3 116 S JARV J7/AU  
L4 244 S EL P7/AU  
L5 381 S L1-4  
L6 2 S L5 AND BIFUNCTIONAL  
L7 20 S L5 AND PROTEIN KINASE  
L8 11 S L7 NOT (MAIZE OR NANOMOLAR OR HEPARIN OR TRITIATED OR SOLID-S  
SELECT RN L8 1-11

FILE 'REGISTRY' ENTERED AT 14:30:55 ON 12 MAR 2004  
L9 94 S E1-94

FILE 'HCAPLUS' ENTERED AT 14:31:20 ON 12 MAR 2004  
L10 10 S L8 AND L9  
L11 11 S L8 OR L10

FILE 'STNGUIDE' ENTERED AT 14:32:32 ON 12 MAR 2004

FILE 'ZCAPLUS' ENTERED AT 14:53:55 ON 12 MAR 2004  
E AFFINITY CHROMATOG/CT  
E AFFINITY CHROMATOGRAPHIC STATIONARY PHASES+ALL/CT  
E AFFINITY CHROMATOGRAPHY+ALL/CT  
E AFFINITY+ALL/CT  
E LIGAND/CT  
E LIGANDS+ALL/CT  
E LIGAND EXCHANGE CHROMATOGRAPHY+ALL/CT  
E BIFUNCTIONAL/CT

FILE 'LREGISTRY' ENTERED AT 14:57:00 ON 12 MAR 2004  
L12 STR

FILE 'REGISTRY' ENTERED AT 14:59:42 ON 12 MAR 2004

L13 7 S L12  
L14 2963 S L12 FUL  
SAVE TEMP L14 LOOGP/A  
L15 STR  
L16 26 S L15 SSS SAM SUB=L14  
L17 467 S L15 SSS FUL SUB=L14  
SAVE TEMP L17 LOOGS1/A  
L18 22 S L17 AND L9  
L19 72 S L9 NOT L18

FILE 'HCAPLUS' ENTERED AT 15:04:56 ON 12 MAR 2004

L20 47 S L17  
L21 1019 S AFFINITY CHROMATOGRAPHIC STATIONARY PHASES+PFT,NT/CT  
L22 6271 S AFFINITY CHROMATOGRAPHY+PFT,NT/CT  
L23 348 S LIGAND EXCHANGE CHROMATOGRAPHY+PFT,NT/CT  
L24 16689 S LIGANDS/CT  
L25 43 S L24(L)BIFUNCTION?  
L26 2 S L20 AND (L21-23 OR L25)  
L27 77012 S PROTEIN KINASE/OBI  
L28 42 S L27 AND L21-23  
L29 9 S L28 AND ?LIGAND?  
L30 42 S L28-29  
L31 15 S L30 AND PY<2001

FILE 'REGISTRY' ENTERED AT 15:31:38 ON 12 MAR 2004  
L32 1 S 9026-43-1

FILE 'HCAPLUS' ENTERED AT 15:31:53 ON 12 MAR 2004  
L33 22921 S L32

L34 14 S L33 AND L21-23  
 L35 4 S L34 NOT L30  
 L36 47 S L21-23 AND BIFUNCTION?  
 L37 45 S L36 NOT L30  
 L38 39 S L37 AND PY<2001  
 L39 1 S L38 AND (KINASE OR PHOSPHORYL?)

FILE 'REGISTRY' ENTERED AT 15:36:18 ON 12 MAR 2004  
 L40 2496 S L14 NOT L17

FILE 'HCAPLUS' ENTERED AT 15:36:26 ON 12 MAR 2004  
 L41 1974 S L40  
 L42 2 S L41 AND (L21-23 OR L25)  
 L43 1 S L41(L)CHROMATOGR?  
 L44 58 S L41(L)LIGAND  
 L45 3 S L44 AND KINASE  
 L46 55 S L44 NOT L45  
 L47 40 S L46 AND PY<2001  
 L48 118 S L41 AND (CHROMATOGR? OR SEPARAT? OR PURIF?)  
 L49 45 S L48 AND PROTEIN  
 L50 41 S L49 AND PY<2001

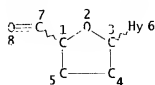
FILE 'MEDLINE, BIOSIS, EMBASE, WPIX' ENTERED AT 15:47:29 ON 12 MAR 2004  
 L51 319293 S PROTEIN KINASE  
 L52 90692 S AFFINITY(5A)CHROMATOGRAPH?  
 L53 2224 S L52 AND L51  
 L54 123 S L53 AND LIGAND  
 L55 8 S L53 AND BIFUNCTION?  
 L56 4 DUP REM L55 (4 DUPLICATES REMOVED)  
 L57 462 S BIFUNCTION?(5A)(AFFINITY OR LIGAND)  
 L58 11 S BIFUNCTION?(5A)(AFFINITY OR LIGAND)  
 L59 2 S L57-58 AND L51  
 L60 355 S L51(20A)L52  
 L61 17 S L60 AND LIGAND?  
 L62 17 S L61 AND PY<2001  
 L63 5 DUP REM L62 (11 DUPLICATES REMOVED)  
 L64 114 S BI-SUBSTRAT?  
 L65 5 S L64 AND L52

FILE 'MEDLINE' ENTERED AT 16:00:26 ON 12 MAR 2004  
 L66 25384 S CHROMATOGRAPHY, AFFINITY+NT/CT  
 L67 718258 S ENZYME INHIBITORS+NT/CT  
 L68 30758 S SUBSTRATE SPECIFICITY/CT  
 L69 31907 S LIGANDS+NT/CT  
 L70 140435 S PROTEIN KINASES+NT/CT  
 L71 2369 S L66 AND L67  
 L72 1451 S L66 AND L68  
 L73 115 S L71-72 AND L69  
 L74 5 S L70 AND L73

FILE 'HCAPLUS' ENTERED AT 16:13:26 ON 12 MAR 2004  
 L75 770 S (L21-23 OR L25) AND REVIEW/DT  
 L76 225 S L75 AND LIGAND  
 L77 0 S L76 AND KINASE  
 L78 5 S L75 AND KINASE

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L12 STR



NODE ATTRIBUTES:  
 CONNECT IS E3 RC AT 7

DEFAULT MLEVEL IS ATOM  
 GGCAT IS UNS AT 6  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS M2-X5 N AT 6

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 8

STEREO ATTRIBUTES: NONE  
 L14 2963 SEA FILE=REGISTRY SSS FUL L12  
 L15 STR

$N \times CH \times C \equiv O$   
 1 2 3 4

NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE  
 L17 467 SEA FILE=REGISTRY SUB=L14 SSS FUL L15  
 L20 47 SEA FILE=HCAPLUS ABB=ON PLU=ON L17